

Fig.1.

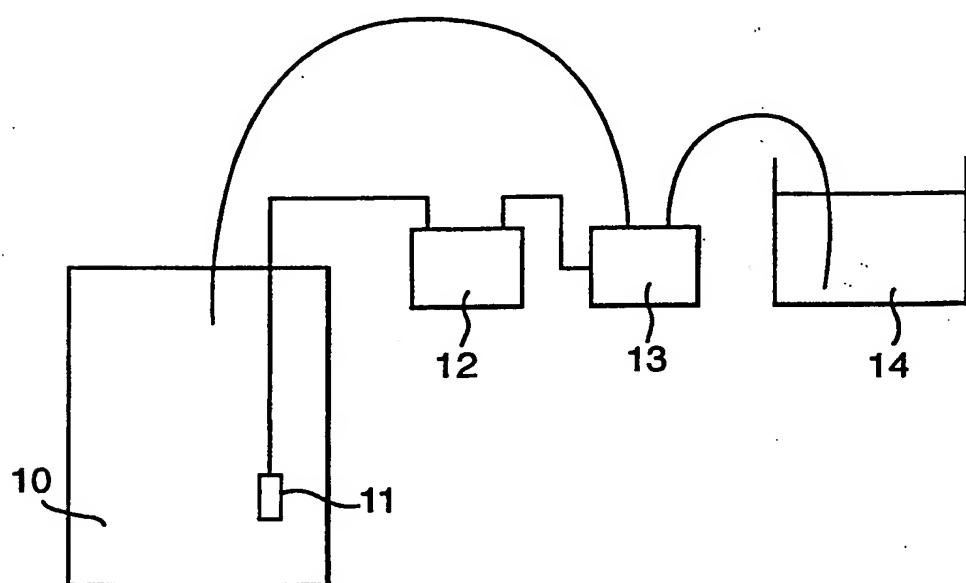


Fig.10.

Cultivation of *C. cohnii* ATCC 30772 on various sodium acetate concentrations

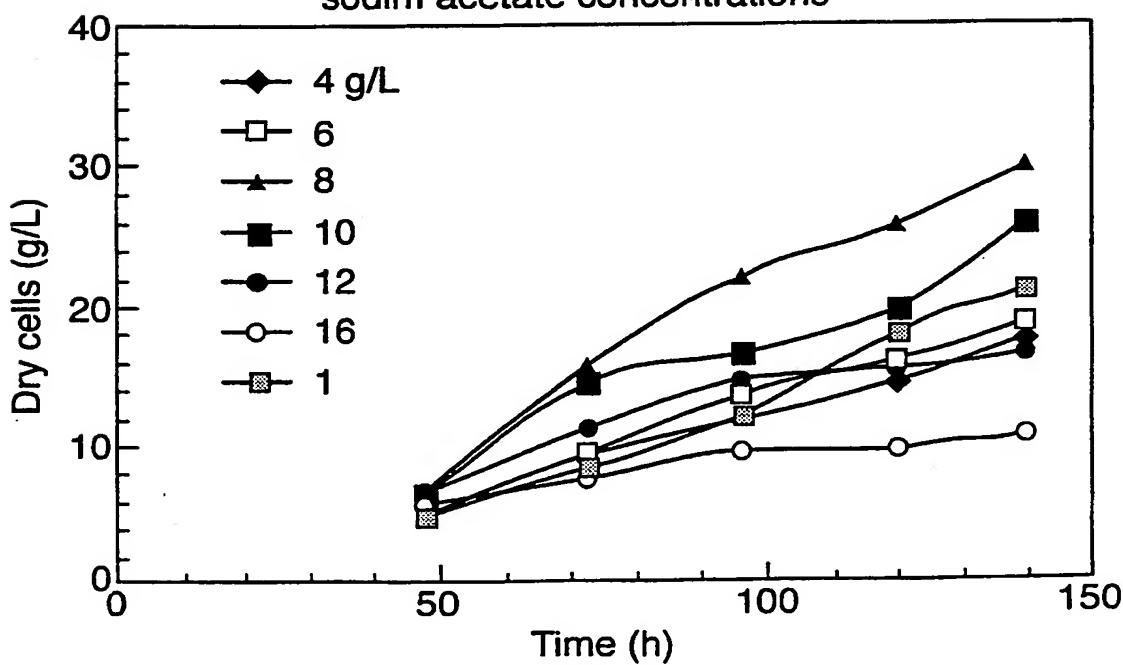


Fig.2.

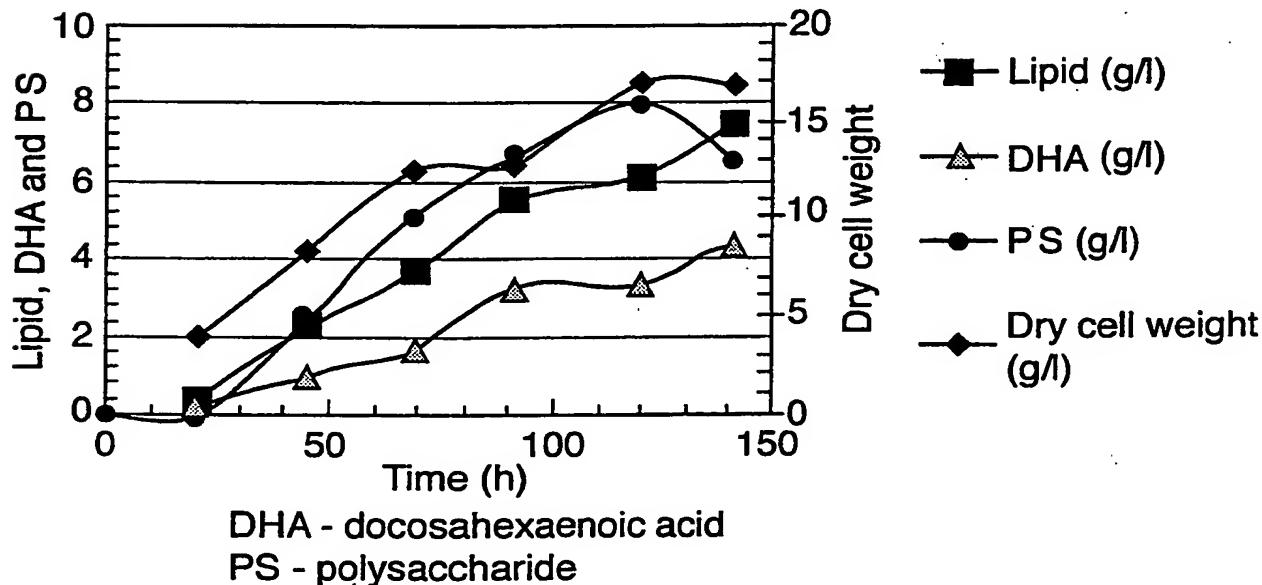
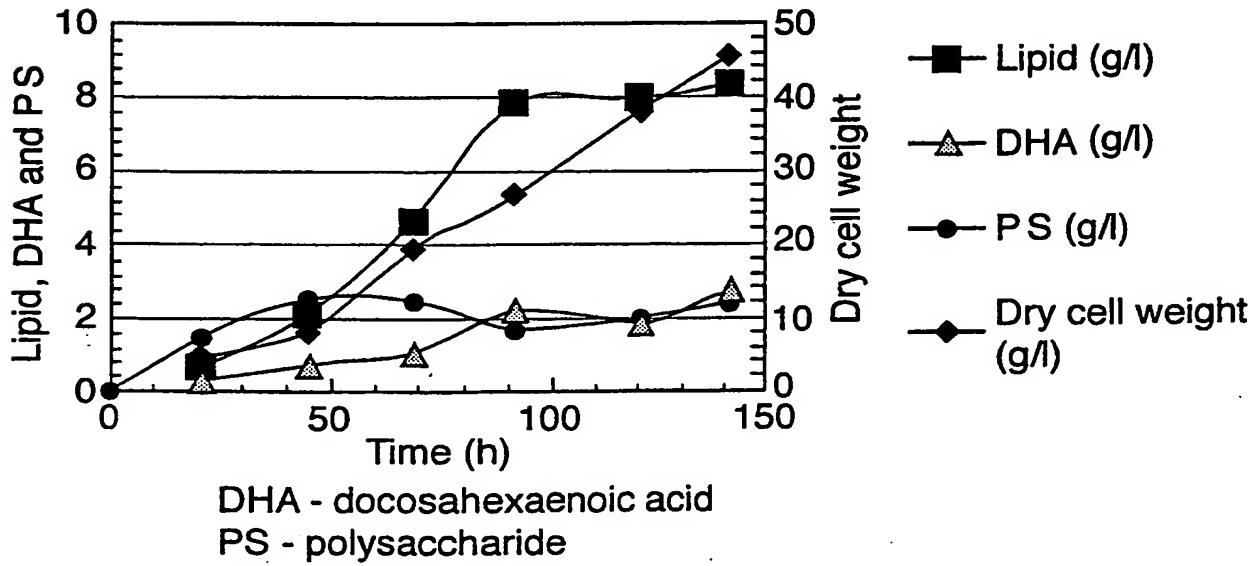
C. cohnii ATCC 30772

Fig.3.

C. cohnii ATCC 30541

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Fig.4.

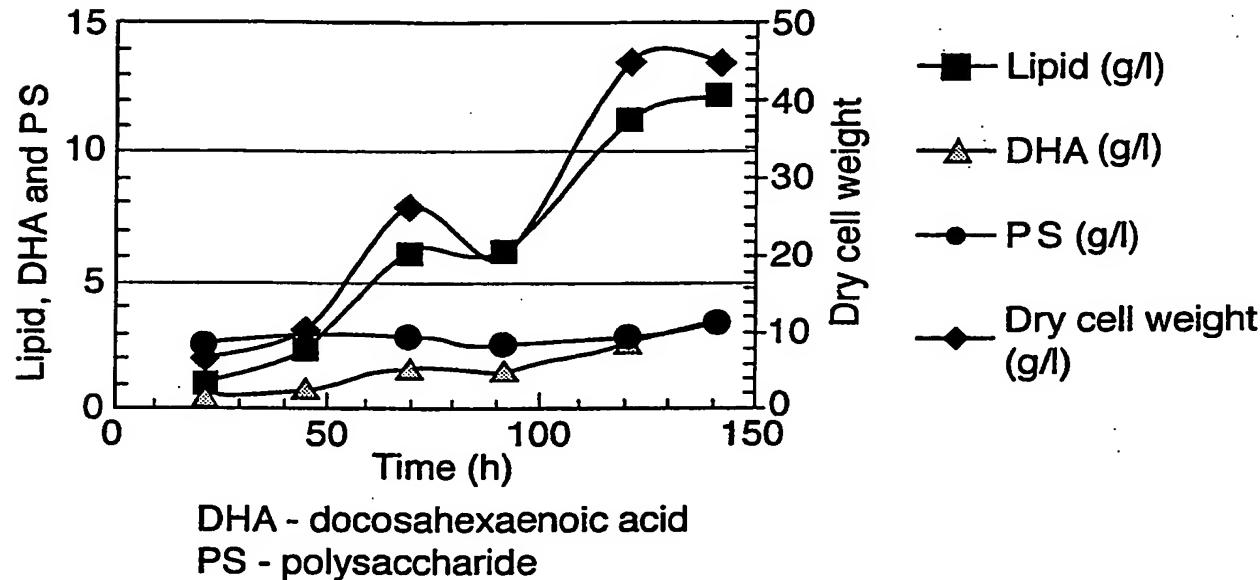
C. cohnii ATCC 50298

Fig.5.

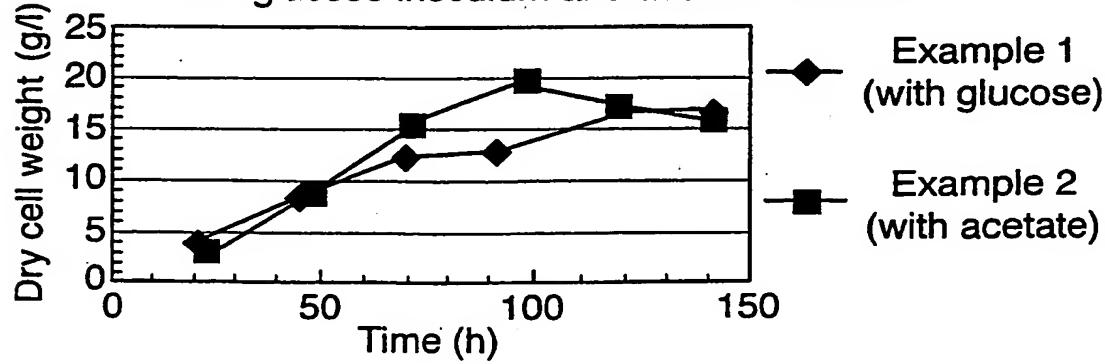
Comparison of the dry cell weight of *C. cohnii* ATCC 30772 with glucose inoculum and acetate inoculum

Fig. 6.

Comparison of the lipid production of *C. cohnii* ATCC 30772 with glucose inoculum and acetate inoculum

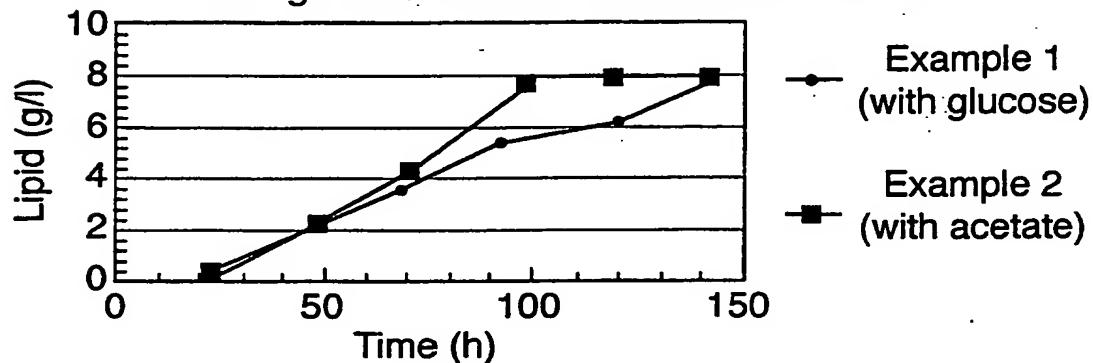


Fig. 7.

Comparison of the dry cell weight *C. cohnii* ATCC 30772 on 25 g sea salts/L medium with 16 g sea salts/L medium

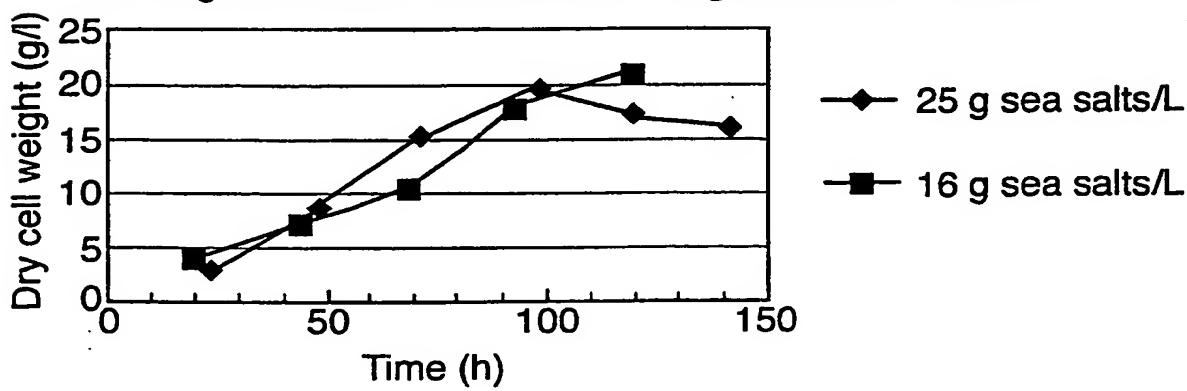


Fig.8.

Comparison of the lipid production of *C. cohnii* ATC 30772 on 25 g sea salts/L medium with 16 g sea salts/ L medium

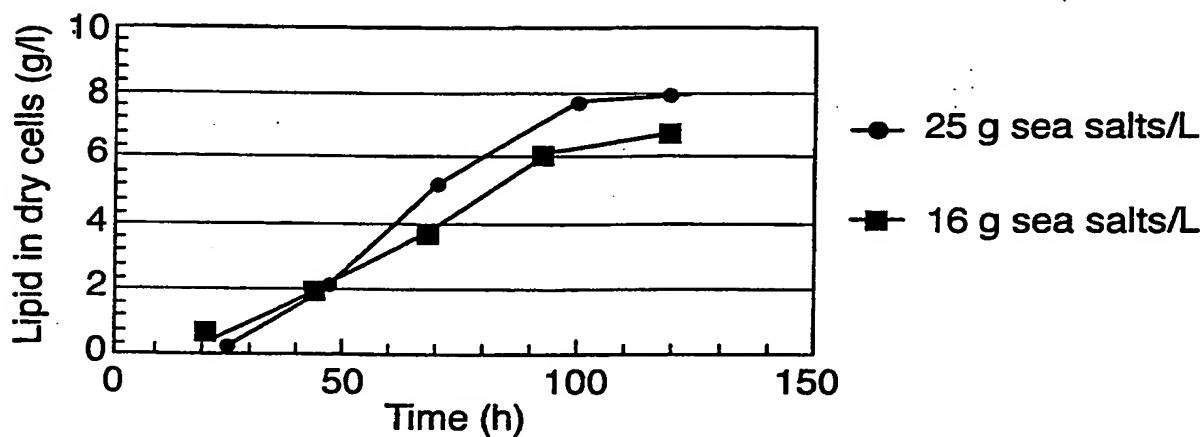


Fig.9.

Comparison of the lipid production of *C. cohnii* ATC 30772 on 25 g sea salts/L medium with 16 g sea salts/ L medium

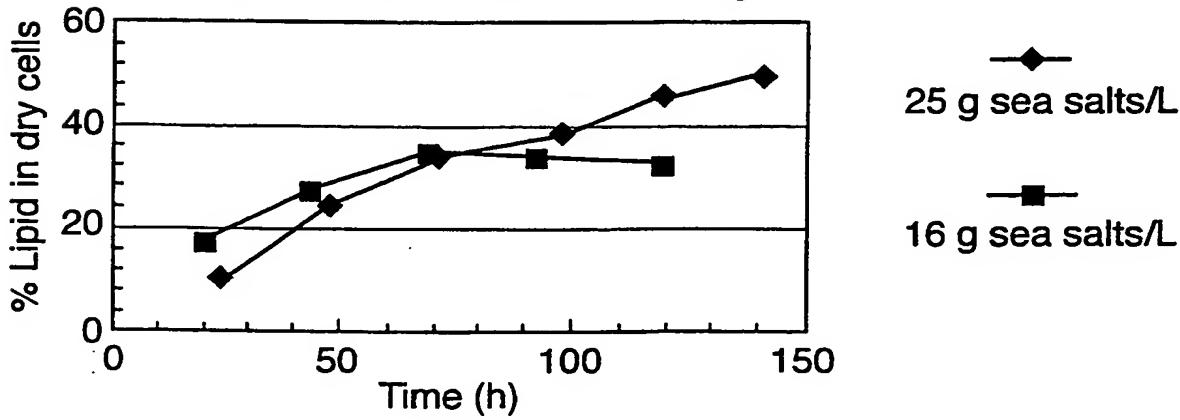


Fig.11.

Lipid production of *C. cohnii* ATCC 30772 on various sodium acetate concentrations

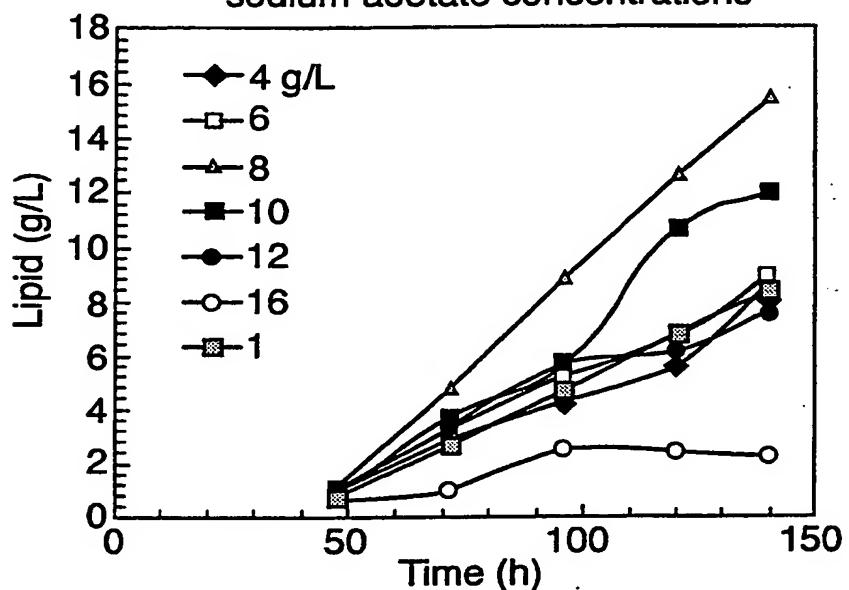


Fig.12.

DHA production of *C. cohnii* ATCC 30772 on various sodium acetate concentrations

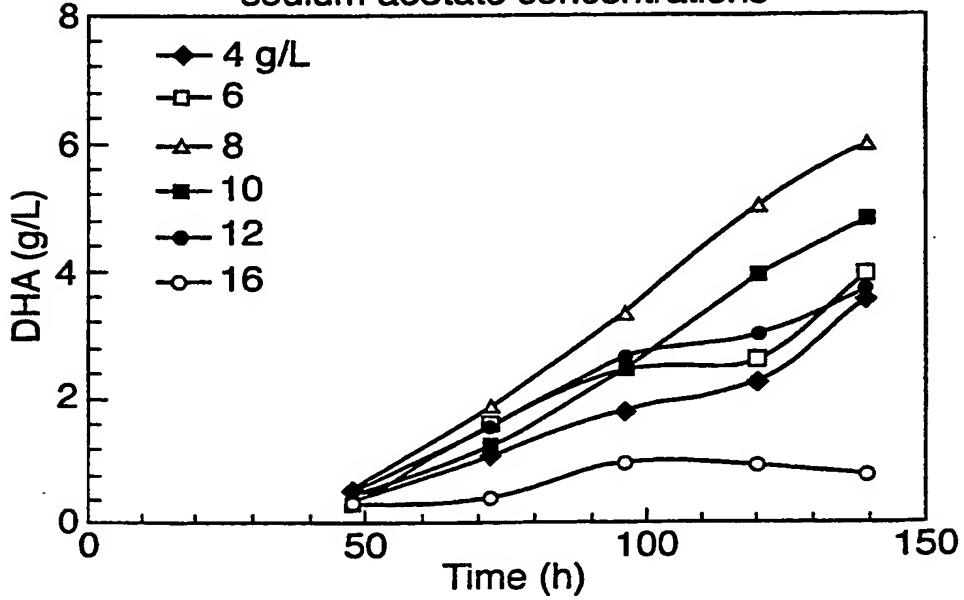
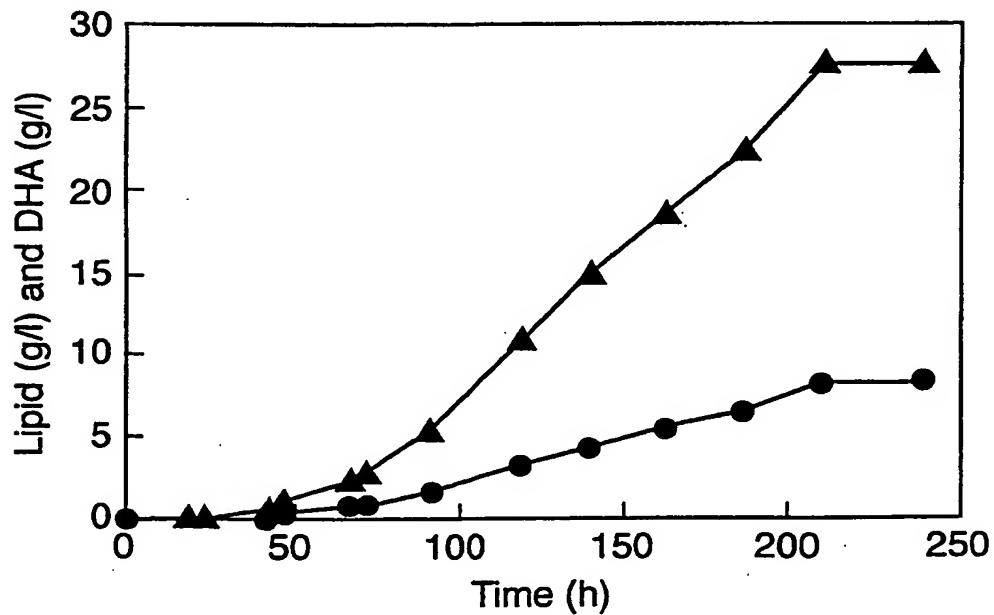
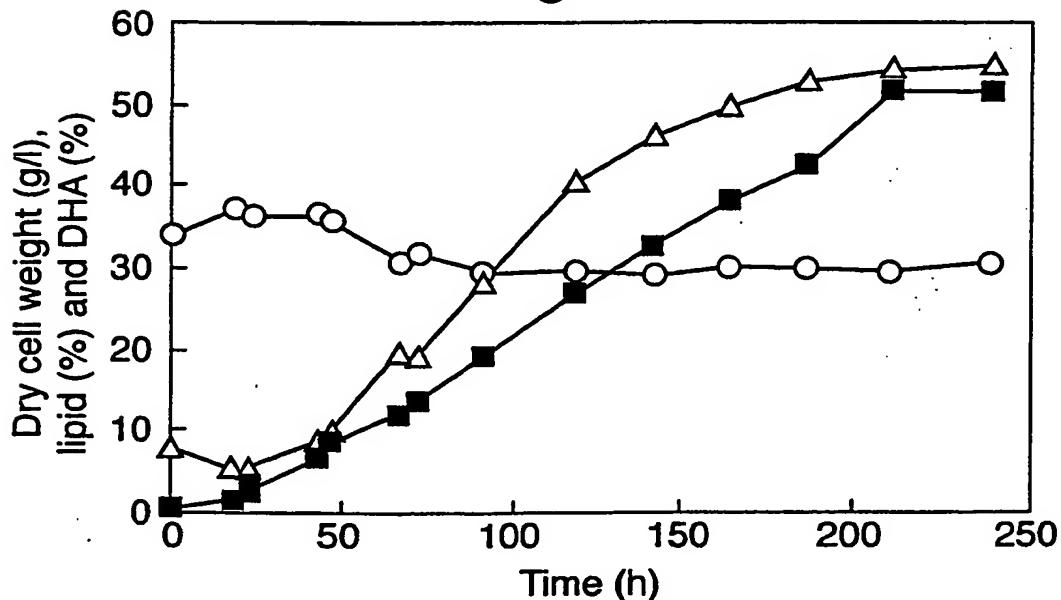


Fig. 13.



C. cohnii cultivated in a IL fermenter on 8.0 g/l NaAc, 10 g/l yeast extract, 25 g/l sea salt and as feed 50% (w/v) acetic acid added via the pH control system. The dry cell weight in g/l (■), lipid percentage of the cells (lipid in %) (Δ), DHA percentage of the lipid (DHA in %) (○), total lipid (Lipid in g/l) (▲) and DHA in g/l (●) are indicated.